

# Operating Instructions

## for the TRP 008 Temperature Controlling Device



### Description:

The TRP 008 controlling device is an automatic on and off controlling device with a digital display for actual and set values.

A NiCr-Ni thermocouple in accordance with DIN 43 710 serves as a sensor (supplied with the device).

The TRP 008 controlling device is particularly suited for controlling the temperature of kilns for enamelling, melting, annealing and tempering as well as for firing decorative motifs etc. These controlling devices are used whenever temperature is required for any period of time without preheating.

The kiln is directly plugged into the socket of the controlling device, which switches the kiln to an output of up to 3,500 Watts at 230 Volts (resistive load).

### Putting into Operation:

The kiln may only be operated in a dry, well ventilated room on a fire-proof base. The safety distances to the potentially combustible environment are to be observed.

### Connection:

1. Plug the earthed plug of the kiln into the socket on the back of the controlling device.
2. Push the temperature probe (thermocouple) into the hole provided for it in the kiln (back). The probe should be introduced into the firing chamber so that the tip reaches the centre of the chamber (while doing so the fragility of the ceramic tube should be taken into consideration). The diode plug of the probe is plugged into the socket on the back of the controlling device. Please note that it only fits in one position.
3. Insert the earthed plug of your controlling device into the 230 Volt socket earthed in accordance with the regulations.